

Claims

1. An air dryer for an air braking system of a vehicle, the air dryer comprising a mounting, and a removable desiccant canister screw-threaded to said mounting about a spin axis and having a peripheral sealing ring, wherein the mounting includes an upstanding protrusion radially spaced from said axis and adapted to engage an annular recess of said canister within said ring, said protrusion being hollow, and the interior of said protrusion being connected to a vent for air under pressure in the system.
- 10 2. An air dryer as claimed in claim 1 wherein the mounting includes a vent passage closed at one end by said protrusion and open at the other end to atmosphere.
- 15 3. An air dryer as claimed in claim 1 or claim 2 wherein the protrusion consists of a cylindrical pin having a blind bore and adapted to be pressed into a counterbore of said vent passage.
4. An air dryer as claimed in claim 1 wherein the vent passage opens at the other end into an actuation chamber of a vent valve of the braking system.
- 20 5. An air dryer as claimed in claim 4 wherein air pressure in the vent passage acts as a pilot signal for the vent valve.
6. An air dryer as claimed in claim 4 or claim 5 wherein the vent valve is a drain valve adapted to be opened to exhaust the air braking system.
- 25 7. An air dryer as claimed in claim 4 or claim 5 wherein the vent valve is a regeneration valve which isolates the compressor whilst connecting the air dryer inlet to atmosphere.